

In the Claims:

Claim 7 (amended). An electrical resistor assembly, comprising:

an electrical resistor to be protected from adjacent structural parts producing heat or cold, said electrical resistor including:

a resistance zone;

connections;

electrically conductive power supply leads constructed as busbars; and

an electrically insulating layer configured between said power supply leads;

said electrically insulating layer being a good thermal conductor;

said power supply leads connected to said connections;

said power supply leads running parallel to one another;

said power supply leads have ends remote from said resistance zone;

said ends of said power supply leads being constructed as connection contacts; and

a protective barrier made of thermally non-conducting material disposed between said electrical resistor and the adjacent structural parts producing heat or cold.